ÖLFLEX® CLASSIC FD 810 CP

Screened, PVC-insulated, numbered, PVC inner and PUR outer sheath

Well-proven and reliable; Various applications

- Core Line for ordinary duty in power chain applications
- EMC-compliant

Product description

Application range

- In power chains or moving machine parts
- Particularly in wet areas of machine tools and transfer lines
- Mechanical engineering
- Suitable for use in measuring, control and regulating circuits
- Power circuits for electrical equipments used in automation engineering

Benefits

- Well-proven and reliable
- Various applications

Product Make-up

- Extra-fine wire strand made of bare copper wires (class 6)
- Core insulation: PVC
- Cores twisted in short lay lengths
- Non-woven wrapping
- PVC inner sheath
- Tinned-copper braiding
- PUR outer sheath, grey (RAL 7001)

Norm references / Approvals

- Core based on VDE 0245/0285
- Outer sheath based on VDE 0245/0285
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

Product features

- Low-adhesive surface
- Oil-resistant
- Flame-retardant according to IEC 60332.1.2
- In dry, damp or wet interiors with normal mechanical stress conditions
- Designed for 5 million alternating bending cycles and travel distances up to 10 meter

Technical Data

Core identification code	Black with white numbers acc. to VDE 0293-1
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Extra-fine wire acc. to VDE 0295, class 6/ IEC 60228 class 6
Minimum bending radius	For flexible use: 7.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U_0/U: 300/500 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexing: -5°C to +70°C Fixed installation: -40°C to +80°C